

STATE OF SOUTH AUSTRALIA  
Rural Production, 1956 - 1957.

This Bulletin summarises the principal statistics relating to livestock and cereals recently published in Bulletins 8 and 10 and gives data concerning other crops, exports, manures used, implements, employment, etc., some items being provisional. Particulars of varieties of wheat, barley, oats and peas were published in Bulletin 11.

In the various tables in this bulletin, production results of the season 1956-57 are compared with corresponding figures for the previous 2 seasons and for the pre-war season 1938-39. In the text, figures for 1955-56 are shown in parentheses.

I. AREAS UNDER CROP

Particulars	1938-39	1954-55	1955-56	1956-57
	Acres	Acres	Acres	Acres
Wheat for Grain	3,080,401	1,689,103	1,609,029	1,438,289
Barley for Grain	457,039	1,019,673	1,041,806	1,221,737
Oats for Grain	266,842	339,640	425,026	427,192
Peas for Grain	5,273	37,891	37,418	41,871
Peas - Field	16,570	35,280	34,298	30,496
Lucerne, Clover, etc. Seed	2,342	45,340	47,726	39,917
Flax	4	1,314	526	1,864
Linseed	-	171	128	290
Hay	519,309	256,525	325,673	298,794
Green Fodder	276,021	363,392	339,161	367,115
Vines - Wine (b)	36,457	41,518	42,096	43,089
Drying, Table (b)	21,563	19,094	17,766	14,320
Orchards	28,943	30,507	32,998	33,998
Vegetables - Potatoes	4,290	6,037	5,373	5,677
Other Domestic	5,446	9,542	11,595	13,108
Nurseries	177	101	180	166
Canary Seed	3,076	-	6	207
Other (a)	337	108	808	783
<b>TOTAL CROPS</b>	<b>4,724,090</b>	<b>3,895,236</b>	<b>3,971,613</b>	<b>3,978,913</b>

(a) Includes Vegetable Seeds, Herbs, Safflower, Chicory, etc.

(b) According to purpose for which grapes used during year.

Area under Vegetables includes Green Peas 6,535 (5,547), Turnips and Swedes 323 (397), Carrots 321 (319), Onions 608 (524), Pumpkins, Triangles etc. 925 (845), Tomatoes 1,343 (1,121), Cabbages 395 (372), Cauliflowers 527 (489), French Beans 366 (378), Beetroot 128 (123), Lettuce 353 (346), Celery 414 (371), Cucumbers 105 (75), Rhubarb 77 (77) acres.

II. LAND UTILIZATION

In addition to the total area under crop of 3,978,913 (3,971,613) acres, there were 909,121 (1,075,839) acres under fallow, 294,405 (248,602) of lucerne for grazing and 3,958,426 (2,599,652) of clover and grasses other than natural grasses.

### III. YIELDS OF CROPS

Particulars		1938-39	1954-55	1955-56	1956-57
Wheat	Bush.	31,674,418	31,462,737	28,891,524	31,431,547
Barley	"	7,541,090	18,376,283	24,597,979	34,002,876
Oats	"	2,401,128	4,508,117	7,280,340	8,318,296
Rye	"	18,469	178,650	193,330	251,793
Peas - Field	"	96,329	419,194	584,320	632,795
Hay (all kinds)	Tons	585,554	329,618	460,821	453,270
Seeds (Clover etc.)	Cwt.	2,967	43,427	43,722	46,432
Potatoes	Tons	18,487	38,362	36,460	43,665
Onions	"	3,892	4,790	4,911	5,611
Tomatoes	Bush.	226,691	355,282	486,546	538,345
Green Peas (In pod)	"	97,918	384,060	413,274	455,204
Carrots	Tons	1,117	3,806	5,095	5,359
Raspberries	Cwt.	191,381	87,699	100,180	78,000
Almonds	"	192,926	202,968	201,680	182,000
Raisins	"	40,212	79,505	32,300	12,500
Grapes for Wine	Tons	65,634	103,652	100,446	128,526
Lime	Gall.	10,459,324	19,208,188	18,403,197	24,038,050
Apples	Bush.	808,020	621,941	985,266	1,008,226
Peaches	"	343,569	598,848	663,441	775,532
Cherries	"	149,602	344,114	360,100	453,281
Plums	"	195,995	214,488	353,696	294,912
Prunes	"	134,030	96,417	118,022	108,243
Oranges	"	815,460	1,407,798	1,526,697	1,454,750
Lemons	"	55,862	50,329	57,541	54,875
Almonds	Cwt.	9,994	17,176	12,558	15,523

#### YIELDS PER ACRE

Wheat	Bush	10.28	18.63	17.96	21.85
Barley	"	16.50	18.02	23.61	27.83
Oats	"	9.00	13.27	17.13	19.47
Hay	Tons	1.13	1.28	1.41	1.52
AINFALL Apl.-Nov.	Inch.	10.00	10.85	15.77	18.55

Other Vegetable Yields included - Parsnips 1,161 (1,308) tons; Wedes and Turnips 1,987 (2,225) tons; Beetroot 1,288 (1,276) tons; Pumpkins, Triangles etc. 6,099 (4,687) tons; French Beans 66,617 (58,857) bushels; Broad Beans 6,693 (5,807) bushels; Cauliflowers 186,968 (175,605) dozen; Cabbages 170,089 (178,191) dozen; Lettuce 177,333 (153,435) cases; Celery 192,271 (168,277) crates; Silver Beet 17,553 (19,404) dozen bunches; Rhubarb 268 (279) tons; Cucumbers 74,025 (57,317) half cases.

Other Fruit yields included Cherries 40,382 (40,672), Figs 2,144 (23,812), Nectarines 24,821 (25,490), Grape Fruit 64,879 (65,254), Pines 15,593 (11,827) bushels, and Walnuts 762 (604) cwts.

Berry Fruits were:- Raspberries 465 (475), Strawberries 1,153 (827), Other 461 (718) cwt.

Oranges were specified as Navel 893,286 (889,055), Valencia 8,760 (563,034), Seville and Poorman 5,858 (7,242), Mandarin 28,472 (32,291), Other Seeded types 28,374 (35,075) bushels.

Plums were 37,696 (48,130) and prunes 70,547 (69,892) bushels.

ENSILAGE made 50,900 (35,457) tons.



RECORD yields have been: Wheat (1931-32) 48,093,102 bushels; Barley (1956-57) 34,002,876 bushels; Oats (1956-57) 8,318,296 bushels; Wine (1951-52) 25,494,579 gallons; Currants (1943-44) 209,140 cwt.; Sultanas (1943-44) 333,300 cwt.; Raisins (1953-54) 117,505 cwt; Apples (1940-41) 1,750,000 bushels; Oranges (1955) 1,526,697 bushels; Pears (1955-56) 353,696 bushels; Almonds (1949-50) 17,937 cwt.; Apricots (1956-57) 775,532 bushels.

#### IV. OVERSEA EXPORTS (Years ended June)

Products		1939	1955	1956	1957
Barley	Bush.	2,248,212	14,734,137	13,912,192	18,686,259
Wheat	"	18,486,303	13,973,605	15,896,795	20,112,661
Flour	Tons	86,676	68,764	72,721	87,282
Butter	lb.	7,385,564	2,228,856	2,231,792	2,428,960
Cheese	lb.	12,907,683	12,379,286	13,642,604	9,259,405
Eggs	£	98,911	795,392	757,189	476,448
Cotton	cwt.	1,391	28,301	21,695	919
Lamb	cwt.	196,546	228,845	153,928	120,277
Wool (as greasy)	lb.	87,272,802	117,160,557	141,258,418	155,958,119
Currants, raisins	lb.	42,692,777	37,037,293	31,051,792	24,034,122
Tree fruits -					
Fresh, dried etc.	£	275,074	1,448,452	2,154,440	1,691,518
Wine	gall.	3,440,509	1,123,613	1,102,676	1,572,721

#### V. MANURE USED

Particulars		1938	1954	1955	1956
Crops manured	Acres	4,281,419	3,470,313	3,405,227	3,399,705
Manure used	Tons	179,118	176,847	176,935	175,350
Cropped area manured	%	90.6	89.1	85.7	85.4
Manure per acre	lbs.	93.7	114.2	116.4	115.5
Pastures manured	Acres	1,095,120	3,142,411	3,498,832	3,676,932
Manure used	Tons	56,325	173,503	203,847	214,601
Manure per acre	lbs.	115.2	123.7	130.5	130.7

The quantity of manures used during say 1956 generally speaking could be from the quantities manufactured and/or sold during 1955-56 and could be used for producing the 1956-57 crops. In connection with top-dressed pastures, it is noted that 294,405 (248,602) acres of lucerne and 1,958,426 (2,599,652) acres of clover and grasses other than natural grasses were grazed during the year, apart from lucerne, clover, etc. harvested for seed, hay or green fodder.

Particulars of fertilisers used for 1956 were :-

	Area Manured	Super-phosphate	Other Fertilisers	Total per acre
	Acres	Tons	Tons	Lbs.
Wheat (all purposes)	1,439,905	67,500	196	105.3
Vegetables	13,300	2,971	3,505	1090.7
Fruits, Vines	47,197	3,116	5,142	391.9
Other Crops	1,899,303	92,492	428	109.6
Total Crops	3,399,705	166,079	9,271	115.5
Pastures	3,676,932	213,457	1,144	130.7
GRAND TOTAL	7,076,637	379,536	10,415	123.4

Of the superphosphate used, 9,536 tons with trace elements were used on crops and 31,268 tons on pastures.

VI. LIVESTOCK ETC.

Particulars		1938-39	1954-55	1955-56	1956-57
Sheep	No.	9,936,586	12,817,135	13,584,867	14,983,848
Cattle -					
Dairy Cows	"	165,110	199,275	195,039	194,502
Other	"	153,787	324,542	371,016	427,075
Horses	"	195,834	48,943	44,470	41,049
Pigs	"	71,292	84,502	72,920	92,180
Wes Mated	"	4,202,848	5,242,173	5,654,541	6,142,419
Lambs Marked	"	3,077,634	4,014,794	4,439,656	4,909,922
Wool Production	lbs.	105,266,000	155,760,546	173,697,211	192,700,000
Butter Made	"	20,716,584	19,497,625	19,541,309	19,260,000
Cheese Made	"	18,457,598	29,346,931	28,297,352	26,800,000
Milk Production	galls.	72,500,000	90,698,607	90,342,297	89,620,000
Bacon and Ham	lbs.	5,987,363	7,254,391	7,676,549	7,300,000
		1938a	1955b	1956b	1957b
Slaughtering					
Sheep, Lambs	No.	1,588,507	2,798,927	2,357,568	2,296,000
Cattle, Calves	"	167,451	232,892	227,382	248,000
Pigs	"	150,369	136,281	132,229	122,000

a. For year ended 31st December. b. For year ending 30th June.

RECORDS. Record numbers have been:- Sheep, March 1957-14,983,848; Total Cattle, March 1957 - 621,577; Dairy Cattle, March 1955 - 268,921; Beef Cattle, March 1957 - 356,093; Horses, December 1913 - 283,641; and Pigs, December 1940 - 190,068.

Records in Production have been:- Wool 1956-57 - 192,700,000 lbs; Milk, 1946-47 - 93,500,000 gallons; Butter, 1937-38 - 22,428,298 lbs; Cheese - 1954-55 - 29,346,931 lbs; Bacon and Ham 1945-46 - 11,734,764 lbs; Lambs Marked 1956 - 4,909,922. The record area of pastures top-dressed was 3,676,932 acres in 1956.

VII. MACHINERY, IMPLEMENTS

		1938-39	1954-55	1955-56	1956-57
Tractors	No.	5,969	23,110	24,345	26,012
Rotary Hoes	"	531b	2,734	3,542	3,414
Hay Presses and Balers	"	275a	2,110	2,383	2,780
Milking Machines	"	684	6,363	6,920	7,208
Threshing Machines	"	2,976a	11,452	12,134	12,690
Fertiliser Distributors	"	N.A.	6,554	6,431	6,683
Ploughs	"	30,609	N.A.	34,859	35,283
Trills and Combines	"	19,203	N.A.	17,992	18,427

a. 1942-43 b. 1943-44

Other details for 1956-57 were as follows:-

Tractors. Crawler or track type 3,186. Wheeled type 22,826; Hay Presses (Stationary) 796; Balers (Pick-up) 1,984; Harvesters, Headers, Trippers 13,030; Milking Machines. Unit size 1, - 1,388; 2, - 3,633; 3, - 1,217; 4, - 668; 5, - 115; 6, - 158; Other 29. Total Units 16,740; Threshing Machines as per number of stands 1, - 4,596; 2, - 6,432; 3, - 1,136; 4, - 341; 5, - 72; 6, - 69; Other - 44; Total Stands 23,373.



VII. PERSONS ENGAGED PERMANENTLY

Particulars		1938-39	1954-55(a)	1955-56	1956-57
Males	No.	41,421	37,600	37,335	36,405
Females	No.	2,942	5,000	4,670	3,885
Persons	No.	44,363	42,600	42,005	40,290

(a) Partly estimated.

Of the persons engaged permanently in 1956-57, 8,265 males and 557 females were paid employees, the balance being occupiers, lessees, unpaid relatives, etc.

Wages and Salaries (including Value of Keep).

To permanent workers, males £5,166,481 (£4,903,731), Females £190,264 (£225,203). To Temporary Workers, Males £4,676,492 (£4,324,921); Females £267,552 (£255,323).

IX. BEE-KEEPING

During 1948-49 there was the record production of 10,906,372 lbs. of honey and of 140,384 lbs. of beeswax. For 1956-57 (1955-56) there were 8,169,504 (5,114,847) lbs. of honey and 116,305 (69,606) lbs. of beeswax. There were 747 (926) beekeepers with 73,710 (62,336) productive and 12,622 (14,582) unproductive hives.

A.W. BOWDEN,

Deputy Commonwealth Statistician  
& Government Statist.

Bureau of Census & Statistics,  
68 Grenfell Street,  
ADELAIDE.

13th November, 1957.